

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> CHICO MUNI	<u>AIRPORT ID</u> KCIC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHICO	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 240	<u>TDZE</u> 240	<u>SUPERSEDED</u> RNAV (GPS) RWY 13L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/02/2009	<u>MAG VAR</u> 16E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RBL VORTAC	IAF	ZOTWY		TF	FB	1.00	106.63	11.75	3000
ZOTWY	IF	NORDE		TF	FB	1.00	131.32	5.94	2700
NORDE	FAF	CUBUN/2.50 NM TO RW13L		TF	FB	0.30	131.37	5.06	
CUBUN/2.50 NM TO RW13L		RW13L	MAP	TF	FO	0.30	131.37	2.50	
RW13L	MAP	3600 MSL		CA		1.00	131.37		
3600 MSL		UNJED		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT UNJED AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT ZOTWY
3. **FAC:** 131.37 **FAF:** NORDE **DIST FAF TO MAP:** 7.56 **DIST FAF TO THLD:** 7.56
4. **MIN ALT:** ZOTWY 3000, NORDE 2700, CUBUN/2.50 NM TO RW13L 1080*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.46 **GS ANT:**
6. **MIN GP INCPT:** 2700 **GP ALT AT FAF :** NORDE 2700 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 51.6
8. **MSA FROM:** RW13L 8300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 13L-31R.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RED BLUFF VORTAC AIRWAY RADIALS 122 CW 185.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM, AND INCREASE LNAV CATS C/D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 0.96 NM TO RW13L*
 *LNAV ONLY
 WAAS CHANNEL #65912
 REFERENCE PATH ID: W13A
 CHART FAS OBST: 349 TREE 394916N/1215150W.
 HOLD SE, LT, 311.51 INBOUND
 LTP HAE: 45.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	440	1/2	200	440	1/2	200	440	1/2	200	440	1/2	200			
LNAV/VNAV DA	530	1/2	290	530	1/2	290	530	1/2	290	530	1/2	290			
LNAV MDA	600	1/2	360	600	1/2	360	600	5/8	360	600	5/8	360			
CIRCLING	640	1	400	700	1	460	700	1 1/2	460	800	2	560			



CHANGES - REASONS

1. LPV DA/HAT LOWERED FROM 536/296 TO 440/200, VIS FROM 1 TO 1/2 - PER UPDATED OBS EVAL/VIS CALC/VISUAL SURFACE CLEAR.
2. LNAV/VNAV DA/HAT LOWERED FROM 648/408 TO 530/290, VIS FROM 1 TO 1/2 - PER UPDATED OBS EVAL/VIS CALC/VISUAL SURFACE CLEAR.
3. LNAV CATS A/B VIS LOWERED FROM 1 TO 1/2, CATS C/D FROM 1 TO 5/8 - PER VIS CALC/VISUAL SURFACE CLEAR.
4. ADDED VDP INFO - PROC QUALIFIES.
5. DISTANCE NORDE TO CUBUN CHANGED FROM 4.9 TO 5.06, DISTANCE FROM ZOTWY TO NORDE CHANGED FROM 6.1 TO 5.94 - NORDE RELOCATED TO ALIGN WITH TIED ILS APPROACH.
7. CHANGED PLANVIEW NOTE FROM 'PROCEDURE NA FOR ARRIVAL ON RED BLUFF VORTAC AIRWAY RADIALS 122 CW 161' TO 'PROCEDURE NA FOR ARRIVAL ON RED BLUFF VORTAC AIRWAY RADIALS 122 CW 185' - 161 NOT AN AIRWAY/PER 58A ALIGNMENT CRITERIA.
8. ADDED CIRCLING ICON - PER 19H, NEW CIRCLING CRITERIA APPLIED.
9. REMOVED DME/DME RNP-0.3 NA NOTE, ADDED RNP APCH TO PBN REQUIREMENTS NOTES - PER 19H.
10. REMOVED INOP TABLE NOTE - DOES NOT APPLY.
11. CHANGED NOTE FROM 'FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4' TO 'FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM, AND INCREASE LNAV CATS C/D VISIBILITY TO 1 SM' - PER VIS CALC.
12. REMOVED 'FOR INOPERATIVE MALSR WHEN USING RED BLUFF ALTIMETER SETTING' NOTE - RELOCATED TO CONTINGENCY NOTES PER 19H.
13. REMOVED LOCAL ALTIMETER SETTING NOTE - RELOCATED TO CONTINGENCY NOTES PER 19H.
14. REMOVED 'BARO-VNAV NA WHEN USING RED BLUFF ALTIMETER SETTING' NOTE - RELOCATED TO CONTINGENCY NOTES PER 19H.
15. UPDATED UNCOMPENSATED BARO-VNAV NOTE TO REMOVE FAHRENHEIT VALUES, CHANGED HIGH TEMP FROM 49C TO 54C - PER TARGETS EVAL/5 YEAR HISTORY NA.
16. ALTERNATE MINS CHANGED FROM NA TO STANDARD - PROC SUPPORTS ALTERNATE MINS.
17. CRC REMAINDER CHANGED FROM A39472DB TO B361E1F2, COURSE WIDTH FROM 105.50 TO 106.75, LENGTH OFFSET FROM 0000 TO 704, VAL FROM 50 TO 35 - PET UPDATED PROCEDURE DESIGN, HAT LOWERED TO 200.
18. CHANGED DISTANCE FAF TO MAP/THLD FROM 7.41 TO 7.56 - PER RELOCATION OF FAF.
19. REMOVED VISIBILITY REDUCTION BY HELICOPTERS NA NOTE - VISUAL SURFACES CLEAR.
20. CHANGED 34:1 FROM NOT CLEAR TO CLEAR - VISUAL SURFACE CLEAR.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOA, CIC AMGR

FLIGHT CHECKED BY

THOMAS E MOLOKIE

OFFICE

FICO

Digitally signed by
DATE ALLAN WILL
3/20/2020 Mar 31, 2020

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
Feb 18, 2020

OFFICE

AJV-A423

DATE
02/04/2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE *Digitally signed by*
ALLAN WILL
Mar 31, 2020

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCIC
RUNWAY	RW13L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	394812.1750N
LTP/FTP LONGITUDE	1215150.8290W
LTP/FTP ELLIPSOIDAL HEIGHT	+00458
FPAP LATITUDE	394657.0280N
FPAP LONGITUDE	1215048.5985W
THRESHOLD CROSSING HEIGHT (TCH)	00051.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0704
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B361E1F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00732
FPAP ORTHOMETRIC HEIGHT	+00732

